

COASTAL ZONE ENVIRONMENTAL IMPACT OFFSET MATRIX

Applicant: Essential Minerals LLC
Project: Lambson Plant
CZA Offset Review Reference: (DNREC Only)

Page 1 of 1
Application Date:
Amendments:
Offset Review Date: (DNREC Use Only)
Matrix Amended:

ENVIRONMENTAL IMPACTS	(Applicant's Use) DESCRIBE ENVIRONMENTAL IMPACTS	PAGE NO.	(Applicant's Use) DESCRIBE ENVIRONMENTAL OFFSET PROPOSAL ¹	PAGE NO.	(DNREC Use Only) OFFSET SUFFICIENCY Yes, No or N/A
Air Quality (Applicant to List Below by Parameter)	The combustion of an air fired natural gas air heater will result in the emissions. See table 6.1 on page 14 of the application for the emissions. The net emission result was 2.03 tons.	14	The environmental offset proposal is to purchase 3 Emission credits to exceed the offset requirements of 2.64 based on the 1.3:1 offset ratio.	25	
Water Quality					
Surface					
Groundwater					
Water Quantity					
Surface					
Groundwater					
Water Use For:					
Processing					
Cooling					
Effluent Removal					
Solid Waste					
Hazardous Waste					
Habitat					
Wetlands					
Flora Fauna					
Drainage/Flood Control					
Erosion ²					
Land Use Effects					
Glare					
Heat					
Noise					
Odors					
Vibration					
Radiation					
Electro-Magnetic Interference					
Other Effects					
Threatened & Endangered Species					
Impacts From:					
Raw Material					
Intermediate Products					
By-Products					
Final Products					

1 See paragraph I.1.b in "Secretary Assessment"

2 Construction and normal operation